APPROVED O.G. FIG.
BY CLASS SUBCLASS
WARTSMAN

SHARED DATA B: LEARNER, LEADER C: LEARNER BULLETIN BOARD: SHARED WRITE 1005 TEACHING MATERIAL writePage: TEACH send: WRITE ACTIVITY MODEL DATA showPage: TEACH TV CONFERENCE LEARNER **BULLETIN BOARD** OPERATION INTERPRETATION TABLE TEACH RESOURCES A: TEACHER LEADER ROLE TABLE TEACHER INSTRUCT REFERENCE REFERENCE OPERATION REFERENCE REFERENCE INQUIRY RESPONSE 1001 1003 INTERPRETATION UNIT LEARNING MANAGEMENT SERVER 1004 RESOURCE REFERENCE UNIT RESOURCE OPERATION UNIT **OPERATION** OPERATION REQUEST NETWORK DISPLAY
REQUEST 1009 1010 RESOURCE OPERATION TRANSMISSION UNIT 1011 DISPLAY REQUEST RESOURCE DISPLAY UNIT RESOURCE OPERATION TRANSMISSION UNIT CLIENT CLIENT

FIG. 2

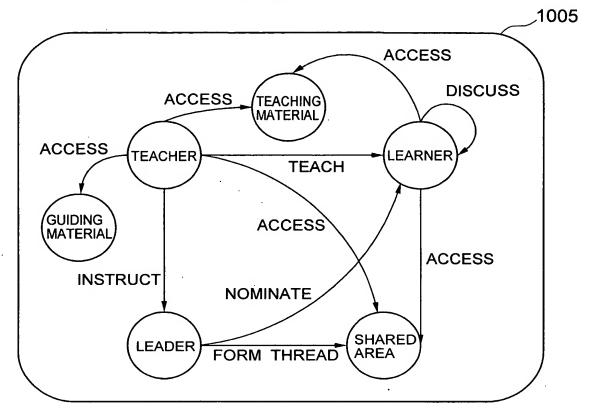


FIG. 3

			<u></u>
RESOURCE ID	ROLES OF 1ST MODEL	ROLES OF 2ND MODEL	
USER A	LEADER, LEARNER		
USER B	LEARNER		
USER C	LEARNER		
USER D	TEACHER		
BULLETIN BOARD	SHARED AREA		
CHAT BOARD	SHARED AREA		
			••••

APPROVED C.S. FIG.

FIG. 4

1007

OPERATION PATTERN	BEHAVIOR	OBJECT LIST
WRITE(BOARD, ARTICLE)	WRITE	BOARD
WRITE TO (BOARD, ARTICLE, WHO)	DISCUSS	WHO
GET(MATERIAL)	REFER	LEARNING MATERIAL
:	:	:

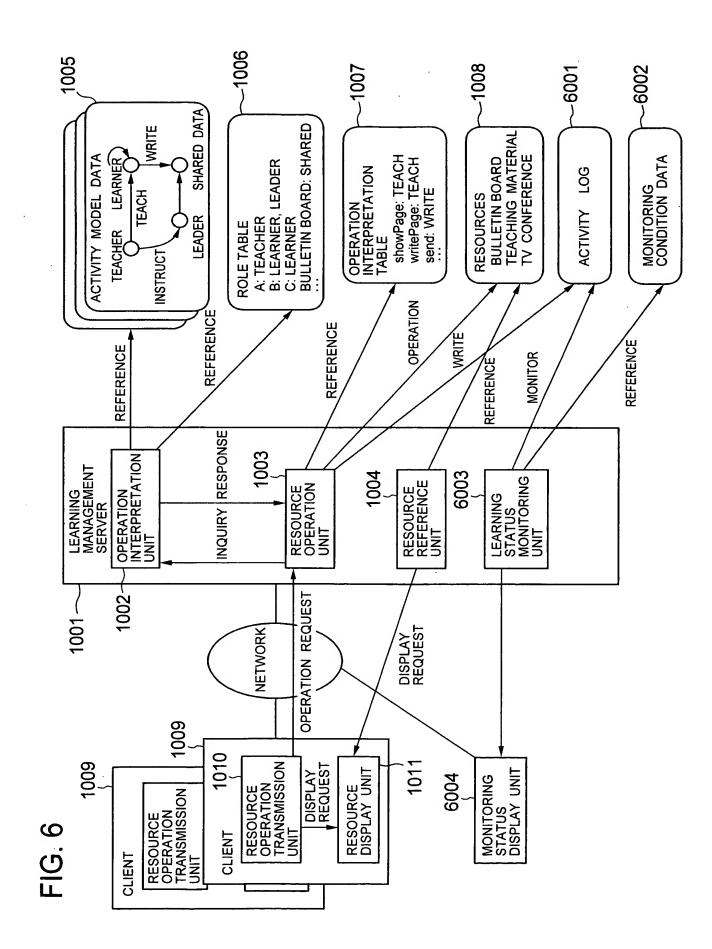
FIG. 5

		<u> </u>	
BEHAVIOR NAME	SUBJECT	OBJECT LIST	
TEACH	TEACHER	LEARNER	
ACCESS	TEACHER	LEARNING MATERIAL	
ACCESS	TEACHER	GUIDING MATERIAL	
ACCESS	LEARNER	LEARNING MATERIAL	
ACCESS	TEACHER	SHARED AREA	
ACCESS	LEARNER	SHARED AREA	
INSTRUCT	TEACHER	LEADER	
NOMINATE	LEADER	LEARNER	
DISCUSS	LEARNER	LEARNER	
DISCUSSION THREAD CREATION	LEADER	SHARED AREA	
ROLE ALLOCATION	LEADER	LEARNER TASK DATA	

APPROVED

BAYELS.

-1.-



APPROVED (C. 17)

EY CL-5

BHAFTSMAN

FIG. 7

	·		- 	
BEHAVIOR NAME	SUBJECT	OBJECT LIST	COUNT	HISTORY
TEACH	TEACHER	LEARNER	1	USER D TEACHES USER B
ACCESS	TEACHER	LEARNING MATERIAL	10	
ACCESS	TEACHER	GUIDING MATERIAL	5	•-•
ACCESS	LEARNER	LEARNING MATERIAL	120	
ACCESS	TEACHER	SHARED AREA	231	•••
ACCESS	LEARNER	SHARED AREA		
INSTRUCT	TEACHER	LEADER		• • •
NOMINATE	LEADER	LEARNER	•••	• • •
DISCUSS	LEARNER	LEARNER		• • •
FORM THREAD	LEADER	SHARED AREA		
ROLE ALLOCATION	LEADER	LEARNER TASK DATA		

FIG. 8

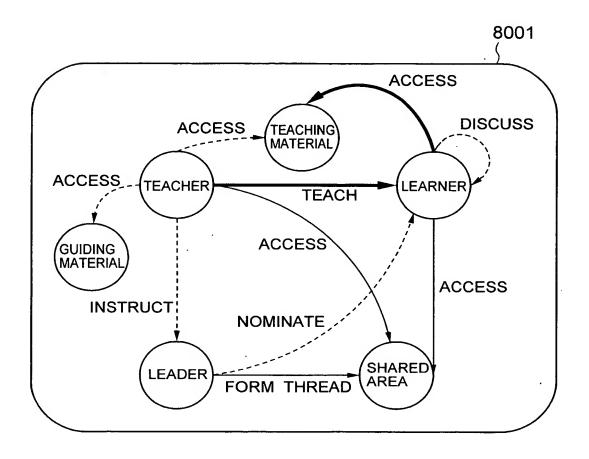


FIG. 9

RESOURCE ID ROLE ACTIVITY STATUS

USER A

LEADER

LEARNER

USER B

LEARNER

USER C

LEARNER

USER C

LEARNER

USER D

TEACHER

FIG. 10

RESOURCE ID	ROLE	MONITORING CONDITION
USER A	LEADER	LAPSE TIME > 48 H & ACTIVITY NUMBER < 10
	LEARNER	•••
USER B	LEARNER	•••
USER C	LEARNER	•••
USER D	TEACHER	•••

FIG. 11

RPPROVED (CL. THE CONTROL OF STREET

4

י לאבי ופדה אפן

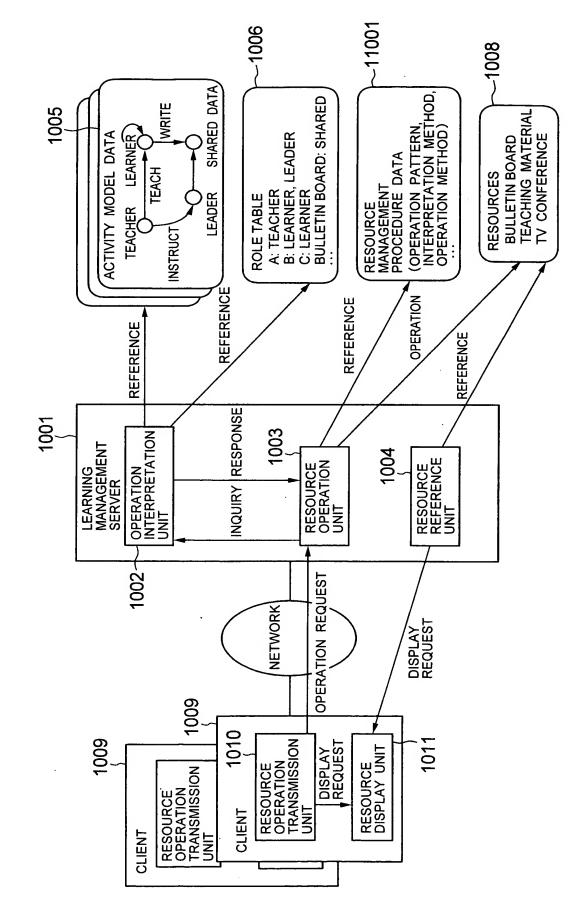


FIG. 12

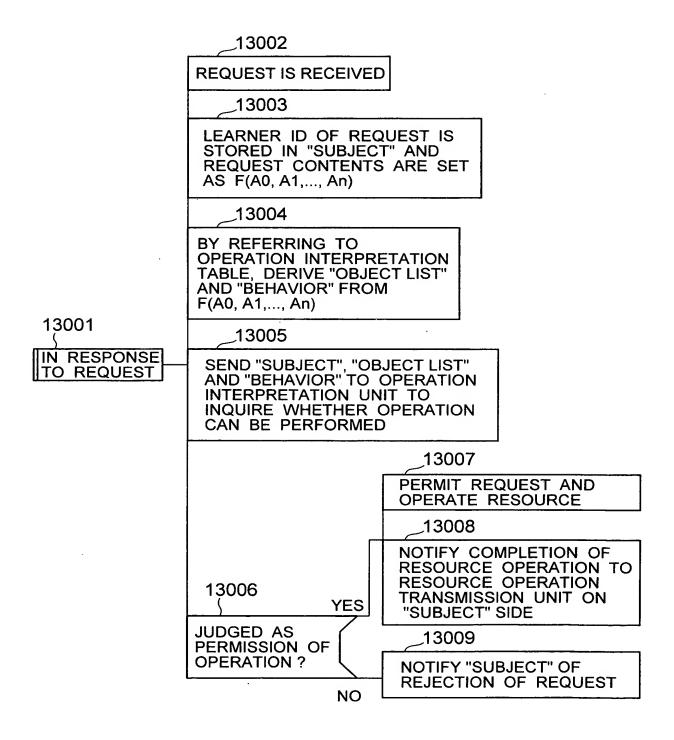
OPERATION PATTERN	INTERPRETATION METHOD	OPERATION METHOD
F(X0, X1,, Xn)	M(X0, X1, ···, Xn)	C(X0, X1,, Xn)
:	:	:

APPROVED TO G. FIG

ER. TSWAM

5" (CLASS/LIPOLITIES

FIG. 13

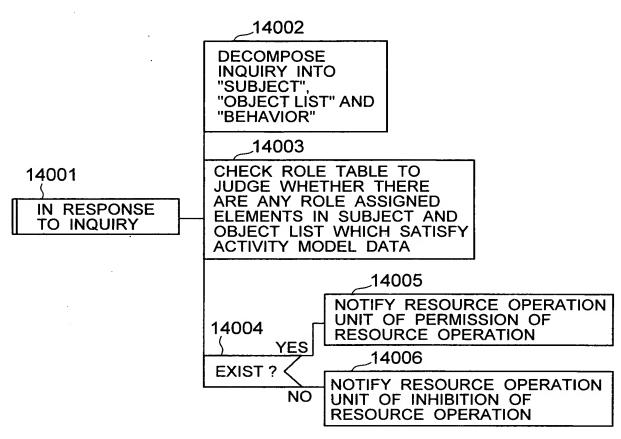


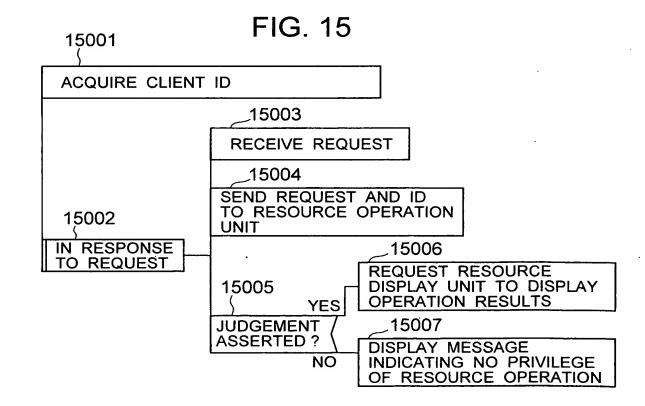
APPROVED C.G. FIG.

BUTTER OF THE

ACU-SSILUBOLASSI

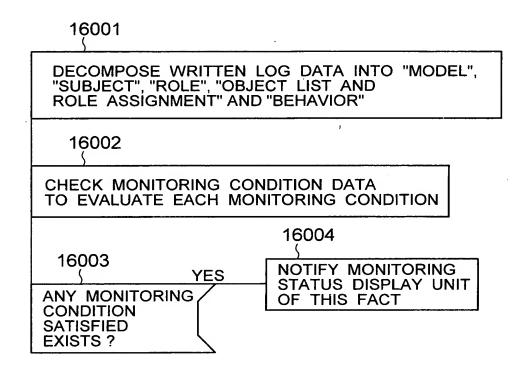






MAT-SI AN

FIG. 16



17001

FIG. 17

